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

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- 1 [Communications of the ACM: Volume 51 Issue 2](#)
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





As Grids rapidly expand in size and complexity, the task of benchmarking and testing, interactive or unattended, quickly becomes unmanageable. In this article we describe the difficulties of testing/benchmarking resources in I Grid infrastructures ...

Keywords: Benchmarking, Grids, Performance, Ranking, Testing
- 2 [GridBench: A tool for the interactive performance exploration of Grid infrastructures](#)
 George Tsouloupas, Marica D. Dikaiakos
 September 2007 **Journal of Parallel and Distributed Computing** , Volume 67 Issue 9
Publisher: Academic Press, Inc.
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

The Semantic Web is about a Web which contains data which is machine-processable rather than human-interpretable. This makes new demands upon the Web architecture such as a standardized interface for access to this knowledge (how to interact), model ...

Keywords: Coordination, Linda, Semantic Web, middleware, space-based computing, tuplespaces
- 3 [Towards a tuplespace-based middleware for the Semantic Web](#)
 Robert Tokiedorf, Lyndon Nixon, Elena Simperl
 August 2008 **Web Intelligence and Agent Systems** , Volume 6 Issue 3
Publisher: IOS Press
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3

The Semantic Web is about a Web which contains data which is machine-processable rather than human-interpretable. This makes new demands upon the Web architecture such as a standardized interface for access to this knowledge (how to interact), model ...

Keywords: Coordination, Linda, Semantic Web, middleware, space-based computing, tuplespaces
- 4 [Communications of the ACM: Volume 51 Issue 3](#)
 August 2008 Communications of the ACM
Publisher: ACM
 Full text available:  [Digital Edition](#) ,  [Pdf](#) (6.85 MB)
Bibliometrics: Downloads (6 Weeks): 141, Downloads (12 Months): 163, Downloads (Overall): 3144, Citation Count
- 5 [Communications of the ACM: Volume 51 Issue 9](#)
 September 2008 Communications of the ACM
Publisher: ACM
 Full text available:  [Digital Edition](#) ,  [Pdf](#) (8.68 MB)
Bibliometrics: Downloads (6 Weeks): 312, Downloads (12 Months): 392, Downloads (Overall): 4390, Citation Count
- 6 [Communications of the ACM: Volume 51 Issue 11](#)
 November 2008 Communications of the ACM
Publisher: ACM
 Full text available:  [Digital Edition](#) ,  [Pdf](#) (8.26 MB)
Bibliometrics: Downloads (6 Weeks): 191, Downloads (12 Months): 221, Downloads (Overall): 3169, Citation Count
- 7 [Towards a new synthesis of ontology technology and knowledge management](#)
 Peter Mika, Hans Akkermans
 December 2004 **The Knowledge Engineering Review** , Volume 19 Issue 4
Publisher: Cambridge University Press
Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3

This paper provides a synthesis of ontology research and one of its most significant application areas, the business discipline of Knowledge Management (KM). Despite the fact such a synergy is in great demand between consumers and suppliers of ontology ...

8 [Anatomy of data integration](#)

[Olga Brazhnik](#), [John F. Jones](#)

June 2007

Journal of Biomedical Informatics, Volume 40 Issue 3

Publisher: Elsevier Science

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 5

Producing reliable information is the ultimate goal of data processing. The ocean of data created with the advanced science and technologies calls for integration of data coming from heterogeneous sources that are diverse in their purposes, business ...

Keywords: Clinical data integration, Conceptual modeling, Data processing, Database architecture, Information value of data

9 [Legal Theory, Sources of Law and the Semantic Web](#)

[Alexander Eber](#)

July 2009

Proceeding of the 2009 conference on Legal Theory, Sources of Law and the Semantic Web

Publisher: IOS Press

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

10 [Communications of the ACM: Volume 51 Issue 7](#)



July 2008

Communications of the ACM

Publisher: ACM

Full text available: Digital Edition, Pdf (6.54 MB)

Bibliometrics: Downloads (6 Weeks): 487, Downloads (12 Months): 553, Downloads (Overall): 5436, Citation Count

11 [Ontology-based models in pervasive computing systems](#)

[Juan Ye](#), [Lorean Coyte](#), [Simon Dobson](#), [Paddy Nixon](#)

December 2007

The Knowledge Engineering Review, Volume 22 Issue 4

Publisher: Cambridge University Press

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 1

Pervasive computing is by its nature open and extensible, and must integrate the information from a diverse range of sources. This leads to a problem of information exchange, so sub-systems must agree on shared representations. Ontologies potentially ...

12 [Communications of the ACM: Volume 52 Issue 1](#)



January 2009

Communications of the ACM

Publisher: ACM

Full text available: Digital Edition, Pdf (7.72 MB)

Bibliometrics: Downloads (6 Weeks): 246, Downloads (12 Months): 299, Downloads (Overall): 1449, Citation Count

13 [Communications of the ACM: Volume 51 Issue 5](#)



May 2008

Communications of the ACM

Publisher: ACM

Full text available: Digital Edition, Pdf (7.28 MB)

Bibliometrics: Downloads (6 Weeks): 133, Downloads (12 Months): 157, Downloads (Overall): 3092, Citation Count

14 [Teamware: An Evaluation of Key Technologies and Open Problems](#)

[Dimitrios Georgakopoulos](#)

January 2004

Distributed and Parallel Databases, Volume 15 Issue 1

Publisher: Kluwer Academic Publishers

Full text available: Publisher Site

Bibliometrics: Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0

Tools and technologies aiming to support electronic teamwork are constantly improving. However, the landscape supporting technologies and tools is fragmented, and comprehensive solutions that fully realize the promises of electronic collaboration ...

15 [A survey on resource discovery mechanisms, peer-to-peer and service discovery frameworks](#)

Elena Meshkova, Janna Einiälä, Marina Petrova, Petri Mähönen

August 2008

Computer Networks: The International Journal of Computer and Telecommunications Networking, Volume 52 Issue 11**Publisher:** Elsevier North-Holland, Inc.**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 3

Service and resource discovery has become an integral part of modern networked systems. In this survey we give an overview of the existing solutions for service and resource discovery for a wide variety of network types. We cover techniques used in existing ...

Keywords: Ad hoc networks, BitTorrent, Bonjour, Bootstrapping, CAN, Chord, DHT, FastTrack, Freenet, Gnutella, Heterogeneous networks, Jini, KaZaA, Kademlia, Napster, Overlay networks, Pastry, Peer-to-peer networks, Resource constrained networks, SLP, Salutation, Search, Service and resource discovery, Survey, Types of clustering, UPnP, Ubiquitous computing, Viceroy, Wireless networks, Wireless sensor networks, eDonkey

16 [In-Focus](#)[Staff](#)

April 2008


I-WAYS - The Journal of E-Government Policy and Regulation, Volume 31 Issue 2**Publisher:** IOS Press**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 017 [Abstracts](#)[Staff](#)

October 2007

Technology and Health Care, Volume 15 Issue 5**Publisher:** IOS Press**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 018 [Service oriented architectures: approaches, technologies and research issues](#)

Mike P. Papazoglou, William-Jan Heuvel

July 2007

The VLDB Journal — The International Journal on Very Large Data Bases, Volume 16 Issue 3**Publisher:** Springer-Verlag New York, Inc.Full text available:  Pdf (818.68 KB)**Bibliometrics:** Downloads (6 Weeks): 236, Downloads (12 Months): 1899, Downloads (Overall): 6293, Citation Count: 8

Service-oriented architectures (SOA) is an emerging approach that addresses the requirements of loosely coupled standards-based, and protocol-independent distributed computing. Typically business operations running in an SOA comprise a number of invocations ...

Keywords: Application and service integration, Asynchronous and event-driven processing, Enterprise bus, Service-oriented architecture, Web services

19 [A survey on wireless multimedia sensor networks](#)

Ian F. Akyildiz, Ioannis Katerinis, Kaushik B. Chowdhury

March 2007

Computer Networks: The International Journal of Computer and Telecommunications Networking, Volume 51 Issue 4**Publisher:** Elsevier North-Holland, Inc.**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 8





The availability of low-cost hardware such as CMOS cameras and microphones has fostered the development of Wireless Multimedia Sensor Networks (WMSNs), i.e., networks of wirelessly interconnected devices that are able to ubiquitously retrieve multimedia ...

Keywords: Cross-layer protocol design, Distributed smart cameras, Energy-aware protocol design, Multimedia communications, Quality of service, Video sensor networks, Wireless sensor networks

20 [Scientific Papers](#)[Staff](#)

December 2003

Technology and Health Care, Volume 11 Issue 5**Publisher:** IOS Press**Bibliometrics:** Downloads (6 Weeks): n/a, Downloads (12 Months): n/a, Downloads (Overall): n/a, Citation Count: 0Result page: [1](#) [2](#) [Next](#)

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